

JESSICA CHUBAK

Curriculum vitae

BIOGRAPHICAL INFORMATION

Group Health Center for Health Studies
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EDUCATION

Doctor of Philosophy in Epidemiology, August 2007
University of Washington, Seattle, WA

Master of Bioethics and Health Law, March 2002
University of Otago, Dunedin, New Zealand

Bachelor of Arts in Molecular Biology, May 2000
Pomona College, Claremont, CA

POSITIONS

Assistant Scientific Investigator, 2007-present
Group Health Center for Health Studies, Seattle, WA

Affiliate Assistant Professor, 2008-present
Department of Epidemiology
University of Washington School of Public Health and Community Medicine, Seattle, WA

Epidemiologic Methods Teaching Assistant, 2006-2007
University of Washington, Seattle, WA

Research Assistant, 2002-2006
Fred Hutchinson Cancer Research Center, Seattle, WA

Bioethics Tutor (Section Lecturer), 2001-2002
University of Otago Medical School, Dunedin, New Zealand

FELLOWSHIPS

NIH Cancer Epidemiology and Biostatistics Training Program pre-doctoral trainee (2003-2006)
Fulbright Graduate Student Award to New Zealand (2000-2002)

HONORS & AWARDS

American Society of Preventive Oncology, among top 16 abstracts at annual meeting (2009)
International Society for Pharmacoepidemiology scholarship to attend annual meeting (2006)

Presenter, Student Workshop, Society for Epidemiologic Research, Toronto, Canada (2005)
Master's degree awarded with distinction (2002)
Rena Gurley Archibald High Scholarship Prize (2000), awarded to college's highest ranked graduate
Summa cum laude (2000)
Phi Beta Kappa Award (2000), awarded for quality of scholarship and promise of future distinction
Phi Beta Kappa (1999)
Pomona College Scholar (1997, 1998, and 1999)
Tileston Physics 1 Prize (1997), awarded to top student in the introductory physics course

PROFESSIONAL ACTIVITIES

Membership

American Society for Preventive Oncology, 2008 – present
Society for Epidemiologic Research, 2009 – present

Referee

Ad hoc reviewer, American Journal of Epidemiology, 2008 – present
Ad hoc reviewer, Cancer Epidemiology Biomarkers & Prevention, 2008 – present
Ad hoc reviewer, Cancer Causes and Control, 2008 – present

BIBLIOGRAPHY

Peer-reviewed research articles

1. Tworoger SS, Chubak J, Aiello EJ, Ulrich CM, Atkinson C, Potter JD, Yasui Y, Stapleton PL, Lampe JW, Farin FM, Stanczyk FZ, McTiernan A. Association of *CYP17*, *CYP19*, *CYP11B1*, and *COMT* polymorphisms with serum and urinary sex hormone concentrations in postmenopausal women. *Cancer Epidemiol Biomarkers Prev*. 2004 Jan; 13(1):94-101.
2. Tworoger SS, Chubak J, Aiello EJ, Yasui Y, Ulrich CM, Farin FM, Stapleton PL, Irwin ML, Potter JD, Schwartz RS, McTiernan A. The Effect of CYP19 and COMT Polymorphisms on Exercise-Induced Fat Loss in Postmenopausal Women. *Obes Res*. 2004 Jun;12(6):972-81.
3. McTiernan A, Tworoger SS, Rajan KB, Yasui Y, Sorenson B, Ulrich CM, Chubak J, Stanczyk FZ, Bowen D, Irwin ML, Rudolph RE, Potter JD, and Schwartz RS. Effect of Exercise on Serum Androgens in Postmenopausal Women: A 12-Month Randomized Clinical Trial. *Cancer Epidemiol Biomarkers Prev*. 2004 Jul;13(7):1099-1105.
4. Chubak J, Tworoger SS, Aiello EJ, Yasui Y, Ulrich CM, Stanczyk FZ, McTiernan A. Associations between Reproductive and Menstrual Factors and Postmenopausal Sex Hormone Concentrations. *Cancer Epidemiol Biomarkers Prev*. 2004 Aug;13(8): 1296-1301.
5. Chubak J, Tworoger SS, Yasui Y, Ulrich CM, Stanczyk FZ, McTiernan A. Associations between Reproductive and Menstrual Factors and Postmenopausal Androgen Concentrations. *Journal of Women's Health*. 2005 Nov;14(8): 704-712.
6. Mohanka M, Heckbert SR, Yasui Y, Sorensen B, Chubak J, Tworoger SS, Ulrich CM, McTiernan A. Serum Lipoproteins in Overweight/ Obese Postmenopausal Women: 1-Year Exercise Clinical Trial. *Medicine & Science in Sports & Exercise*. 2006 Feb;38(2):231-9.
7. Chubak J, Ulrich CM, Tworoger SS, Sorensen B, Yasui Y, Irwin ML, Stanczyk FZ, Potter JD, McTiernan A. Effect of exercise on bone mineral density and lean mass in postmenopausal women. *Medicine & Science in Sports & Exercise*. 2006 Jul;38(7):1236-1244.

8. Chubak J, McTiernan A, Sorensen B, Wener MH, Yasui Y, Velasquez M, Wood B, Rajan KB, Wetmore CM, Potter JD, Ulrich CM. Moderate-intensity exercise reduces the incidence of colds among postmenopausal women – results from a randomized trial. *American Journal of Medicine*. 2006 Nov;119(11):937-942.
9. Tworoger S, Sorensen B, Chubak J, Irwin M, Stanczyk F, Ulrich C, Potter J, McTiernan A. Effect of a 12-month randomized clinical trial of exercise on serum prolactin concentrations in postmenopausal women. *Cancer Epidemiol Biomarkers Prev*. 2007 May;16(5):895-899.
10. Rhew I, Yasui Y, Sorensen B, Ulrich CM, Neuhaus M, Potter JD, Tworoger SS, Chubak J, Bowen DJ, McTiernan A. Minimal effects of an exercise intervention trial on self-reported health behaviors in obese post-menopausal women. *Contemporary Clinical Trials*. 2007 Jul;28(4):472-481.
11. Chubak J, Doherty JA, Cushing-Haugen KL, Voigt LF, Saltzman BS, Hill DA, Beresford SAA, Weiss NS. Endometrial cancer risk in estrogen users after switching to estrogen-progestin therapy. *Cancer Causes Control*. 2007 Nov; 18(9):1001-1007.
12. Ulrich CM, Chubak J, McTiernan A. Re: Exercise, vitamins and respiratory tract infections. *American Journal of Medicine*. 2007 Dec;120(12):e19.
13. Chubak J, Buist DSM, Boudreau DM, Rossing M, Lumley T, Weiss NS. Breast cancer recurrence risk in relation to antidepressant use after diagnosis. *Breast Cancer Research and Treatment*. 2008;112:123-132.
14. Hawkins V, Foster-Schubert K, Chubak J, Sorensen B, Ulrich CM, Stanczyk FZ, Plymate S, Stanford J, White E, Potter JD, McTiernan A. Effect of Exercise on Serum Sex Hormones in Men: A 12-Month Randomized Clinical Trial. *Medicine & Science in Sports & Exercise*. 2008;40(2):223-233.
15. Chubak J, Bowles EA, Terry MB, Trentham-Dietz A, Buist DSM. Antidepressant medications and change in mammographic density in postmenopausal women. *Cancer Epidemiol Biomarkers Prev*. 2009;18:676-679.
16. Chubak J, Boudreau DM, Rulyak SJ, Mandelson MT. Colorectal cancer risk in relation to use of acid suppressive medications. *Pharmacoepidemiology and Drug Safety*. 2009 July;18(7):540-4.
17. Buist DSM, Chubak J, Prout MN, Ulcickas Yood M, Bosco JLF, Thwin SS, Taffet Gold H, Owusu C, Field TS, Quinn VP, Wei F, Silliman RA. Referral, receipt and completion of chemotherapy in early stage breast cancer patients aged 65 and over at high-risk of breast cancer recurrence. *Journal of Clinical Oncology*. In press.

Non-refereed publications:

1. Robey T, Benki S, Mitchell B, Roberts M, Chubak J, FOSEP- A Model Student-led Group Linking Science and Society. *Journal of the Federation of American Scientists*. 2005 Winter:13-14.
2. Hudson SV, Chubak J, Coups EJ, Blake-Gumbs L, Jacobsen PB, Neugut AI, et al. Identifying Key Questions to Advance Research and Practice in Cancer Survivorship Follow-Up Care: A Report From the ASPO Survivorship Interest Group. *Cancer Epidemiol Biomarkers Prev*. 2009 July;18(7):2152-4.

CONFERENCES AND SYMPOSIA

Oral presentations

1. Chubak J, “Human germline genetic modification and our responsibilities to future generations.” New Zealand Bioethics Conference. Dunedin, New Zealand, 2002.

2. Ulrich C, Chubak J, McTiernan M, “Effect of a yearlong exercise intervention on natural killer cell cytotoxicity and risk of colds in postmenopausal women.” International Society of Exercise and Immunology. Monaco, 2005.
3. Chubak J, Robey T, Roberts M, Benki S. “A student initiated grassroots effort to increase dialogue about science.” American Association for the Advancement of Science. St. Louis, Missouri, 2006.
4. Chubak J, Doherty JA, Cushing-Haugen K, Voigt LF, Saltzman BS, Hill DA, Beresford SAA, Weiss NS, “Endometrial cancer risk in former users of unopposed estrogens: The influence of switching to combined estrogen-progestin therapy.” Congress of Epidemiology. Seattle, Washington, 2006.
5. Chubak J, “Breast cancer recurrence risk in relation to antidepressant use after diagnosis” HMO Research Network Annual Meeting, Minneapolis, Minnesota, 2008.
6. Chubak J, Boudreau D, Rulyak S, Mandelson M, “Colorectal cancer risk in relation to antidepressant use.” American Society of Preventive Oncology. Tampa, Florida, 2009.

Poster presentations

1. Tworoger SS, Chubak J, Aiello EJ, Ulrich CM, Yasui Y, Janssen P, Potter J, Farin F, McTiernan A, “Association between *CYP17*, *CYP19*, and *COMT* genotypes and estrogen and SHBG concentrations in postmenopausal women.” American Association for Cancer Research. Washington DC, 2003.
2. Mitchell B, Roberts M, Benki S, Chubak J, Robey T. “The Forum on Science Ethics and Policy: A new Seattle organization stimulates discussion on the role of science in our society.” American Association for the Advancement of Science. Washington DC, 2005.
3. Chubak J, Tworoger SS, Yasui Y, Ulrich CM, Stanczyk FZ, McTiernan A. “Associations between reproductive and menstrual factors and postmenopausal androgen concentrations.” American Association for Cancer Research. Anaheim, California, 2005.
4. Tworoger SS, Sorensen B, Chubak J, McTiernan A. “The effect of a 12-month randomized controlled trial of exercise on serum prolactin concentrations in postmenopausal women.” Congress of Epidemiology. Seattle, Washington, 2006.
5. Hawkins V, Chubak J, Sorensen B, Stanford J, White E, McTiernan A. “Influence of Exercise on Serum Sex Hormones in Men: A 12-Month Randomized Controlled Clinical Trial.” Congress of Epidemiology. Seattle, Washington, 2006.
6. Chubak J, Buist DSM, Boudreau DM, McKnight B, Rossing MA, Weiss NS. “Approaches to reducing confounding by indication in a study of breast cancer prognosis in relation to the use of antidepressants after diagnosis.” International Congress of Pharmacoepidemiology. Lisbon, Portugal, 2006.